



SPYWOLF

Security Audit Report



Completed on
May 28, 2023

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **RetardToken** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Retard Token



PROJECT DESCRIPTION

According to their website:

"RetardToken for tha retrads, bye the retards."

Release Date: Presale starts in May, 2023

Category: Meme token



CONTRACT INFO

Token Name

Retard Token

Symbol

RETR

Contract Address

0xf89Ba685c278852fF1B7a0910dC252c764aD10cf

Network

Binance Smart Chain

Language

Solidity

Deployment Date

May 28, 2023

Verified?

Yes

Total Supply

12,345,678,910

Status

Not launched

TAXES

Buy Tax
none

Sell Tax
none

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	2
Uniq Senders	2
Uniq Receivers	2
Total Amount	24691357819.359 RETR
Median Transfer Amount	12345678910 RETR
Average Transfer Amount	12345678909.6795 RETR
First transfer date	2023-05-28
Last transfer date	2023-05-28
Days token transferred	1

SMART CONTRACT STATS

Calls Count	8
External calls	4
Internal calls	4
Transactions count	5
Uniq Callers	3
Days contract called	1
Last transaction time	2023-05-28 07:03:58 UTC
Created	2023-05-28 00:18:51 UTC
Create TX	0x0f03c5c8388cb0376283c31lc287alc8c14e3616cbb4b0199e43a80d51798lab
Creator	0x5a4e9bb1f224e8254cld63e90de34e8572f8dc7l



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

Owner can withdraw any tokens from the contract except the native RETR token.

When this function is present, in cases tokens sent into the contract by mistake or purposefully, contract's owner can retrieve them.

```
function claimStuckTokens(address token) external onlyOwner {
    require(token != address(this), "Owner cannot claim native tokens");
    if (token == address(0x0)) {
        payable(msg.sender).transfer(address(this).balance);
        return;
    }
    IERC20 ERC20token = IERC20(token);
    uint256 balance = ERC20token.balanceOf(address(this));
    ERC20token.transfer(msg.sender, balance);
}
```

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromFees(address account, bool excluded) external onlyOwner {
    require(!_isExcludedFromFees[account] != excluded, "Account is already the value of 'excluded'");
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}
```



Informational

Owner can set buy/sell fees up to 10%.

Combined buy+sell = 20%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function setFees(uint256 _marketingFeeOnBuy, uint256 _marketingFeeOnSell) external onlyOwner {  
    require(_marketingFeeOnBuy <= 10, "Marketing fee on buy cannot be more than 10%");  
    require(_marketingFeeOnSell <= 10, "Marketing fee on sell cannot be more than 10%");  
    marketingFeeOnBuy = _marketingFeeOnBuy;  
    marketingFeeOnSell = _marketingFeeOnSell;  
    emit FeesUpdated(marketingFeeOnBuy, marketingFeeOnSell);  
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

RetardToken

GOOD PRACTICES FOUND

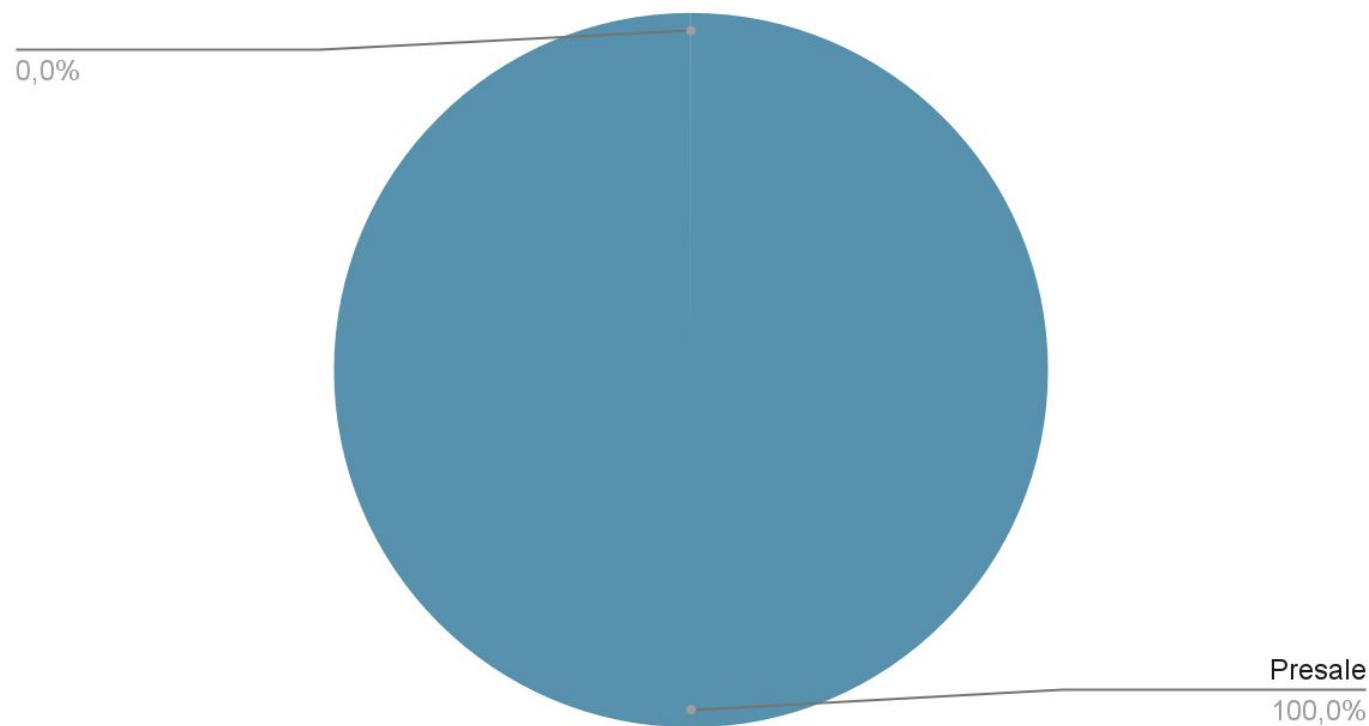
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit



The following tokenomics are based on the project's whitepaper and/or website:

- 100% - Presale

Tokens distribution



TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





Website URL
<https://retardtoken.com>

Domain Registry
<https://tuowdomains.com>

Domain Expiration
2024-05-27

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design with appropriate color scheme and graphics.

Content
The information helps new investors understand what the product does right away.
No grammar mistakes found.

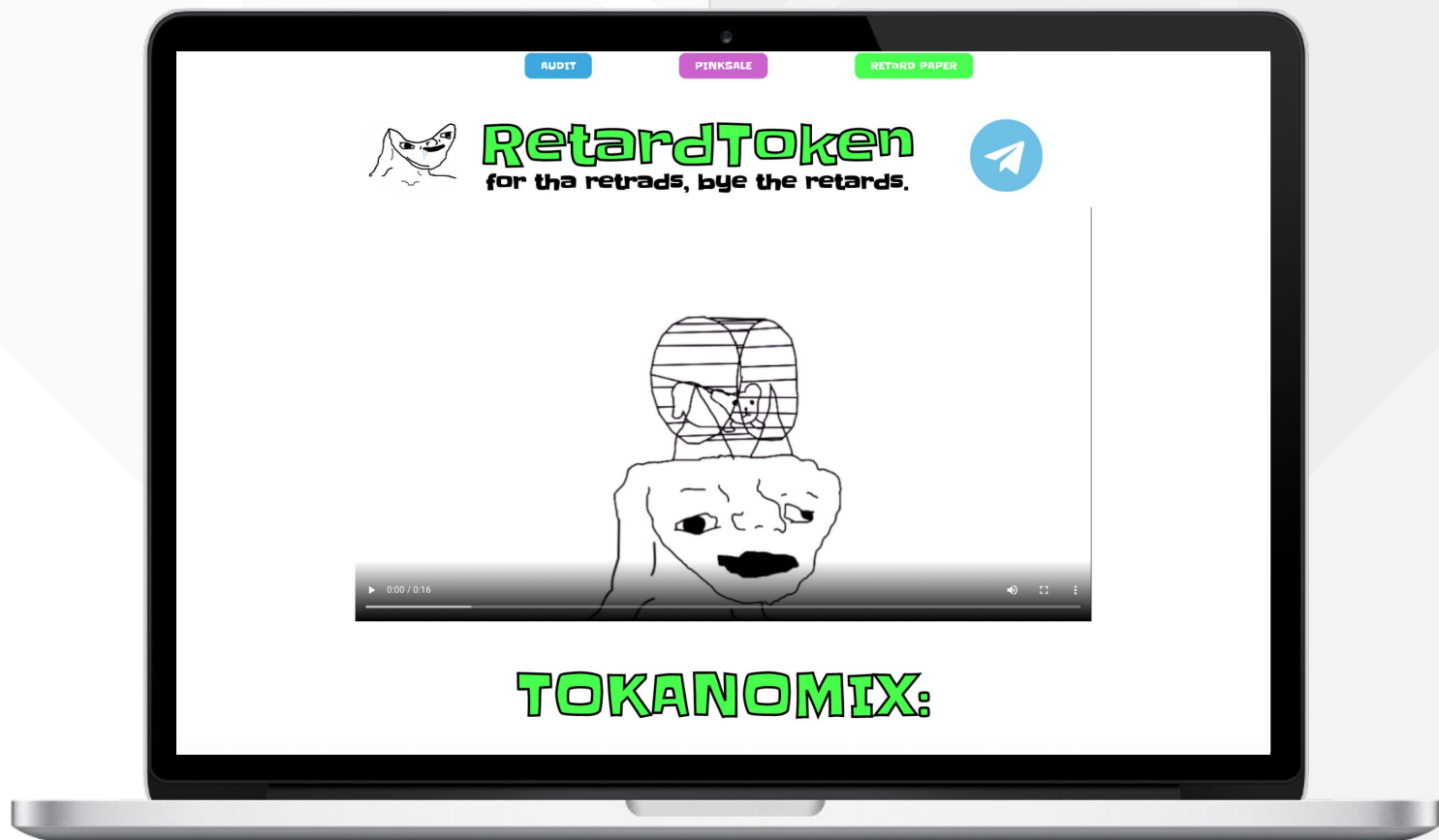
Whitepaper
No

Roadmap

No

Mobile-friendly?

Yes



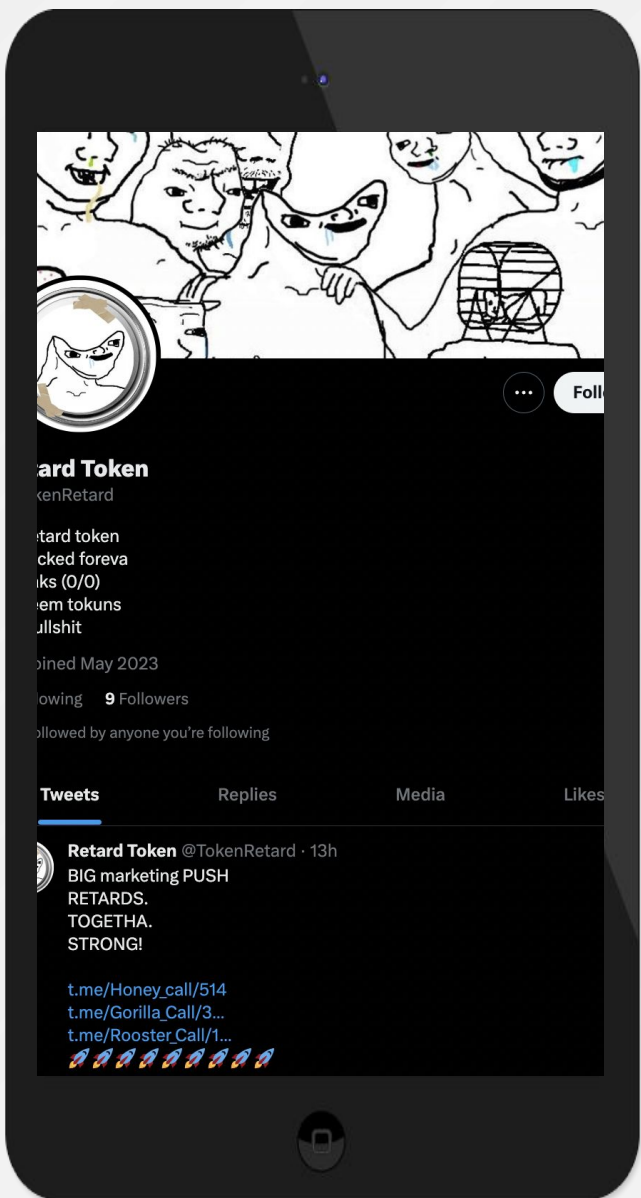
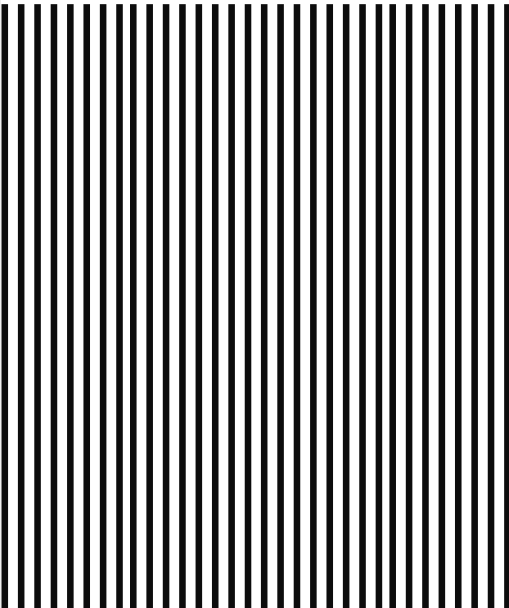
retardtoken.com



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media
pages are active



Twitter

@tokenretard

- 9 followers
- 1 total post
- New account



Discord

- Not available



Telegram

@retardtokenbsc

- 165 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

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Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.